

FIG. 1

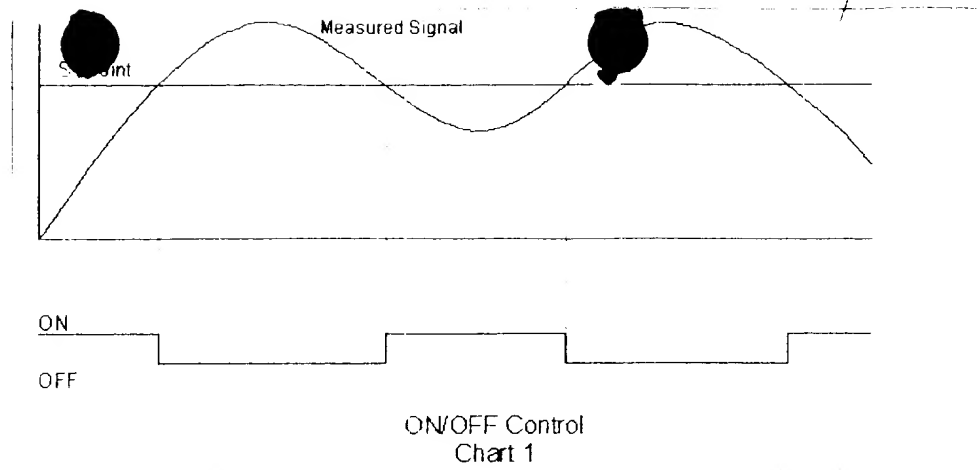


FIG. 2

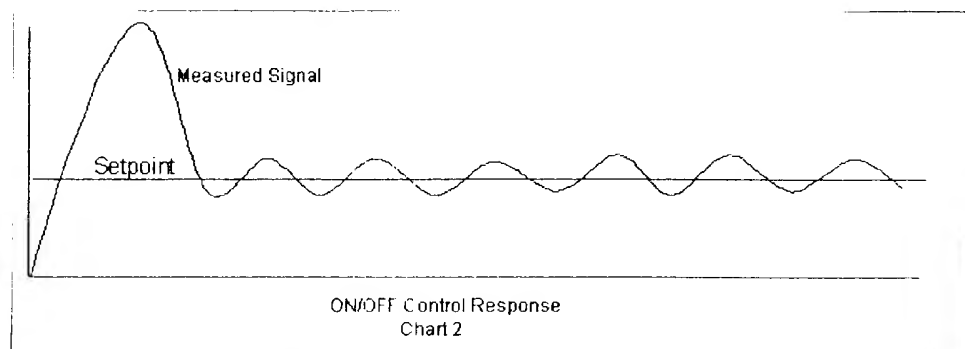


FIG. 3

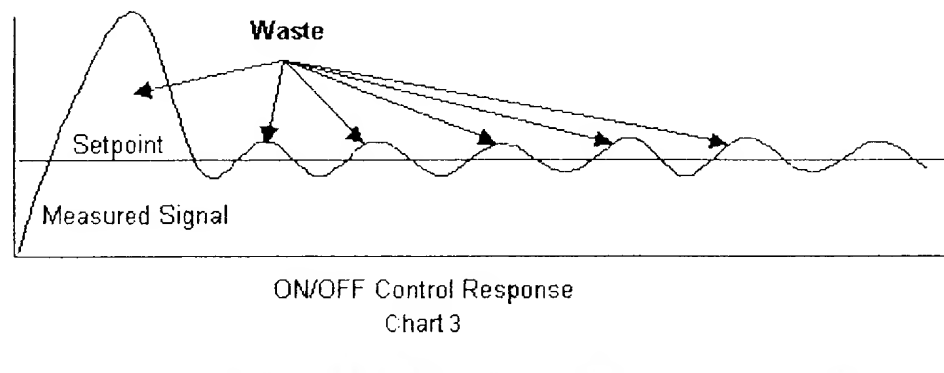


FIG. 4

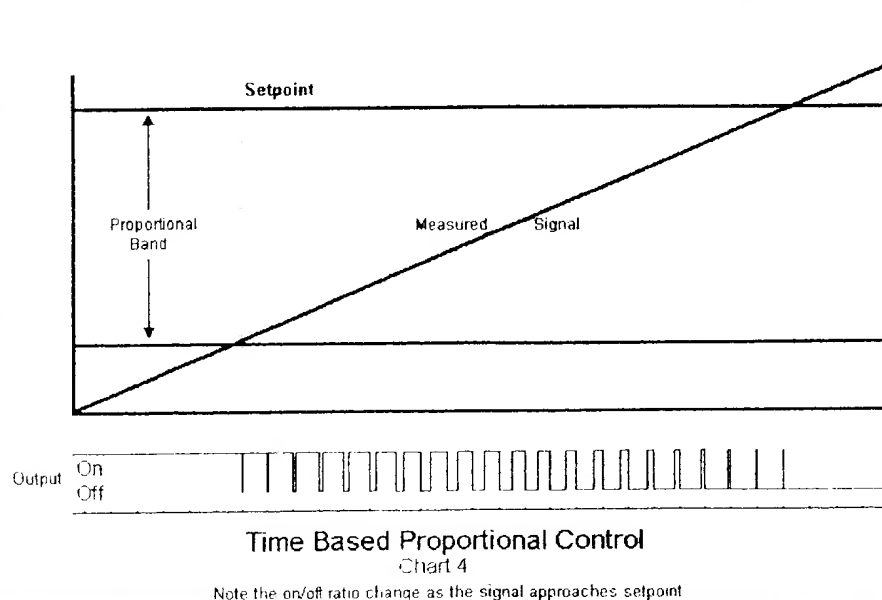


Chart 5 shows the ideal response of a Time Based Proportional control system.

FIG. 5

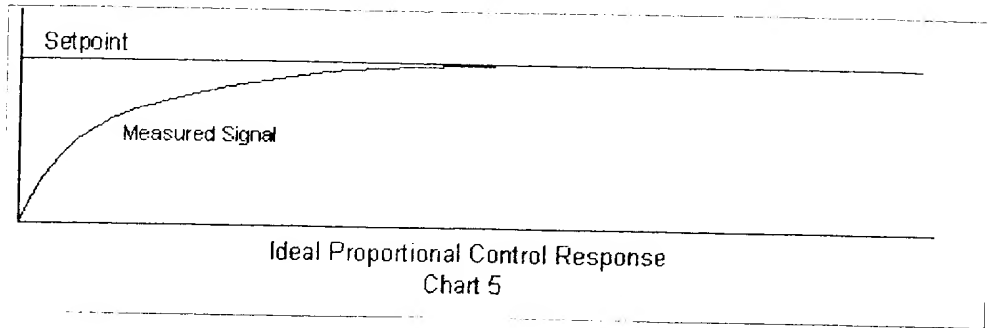


FIG. 6

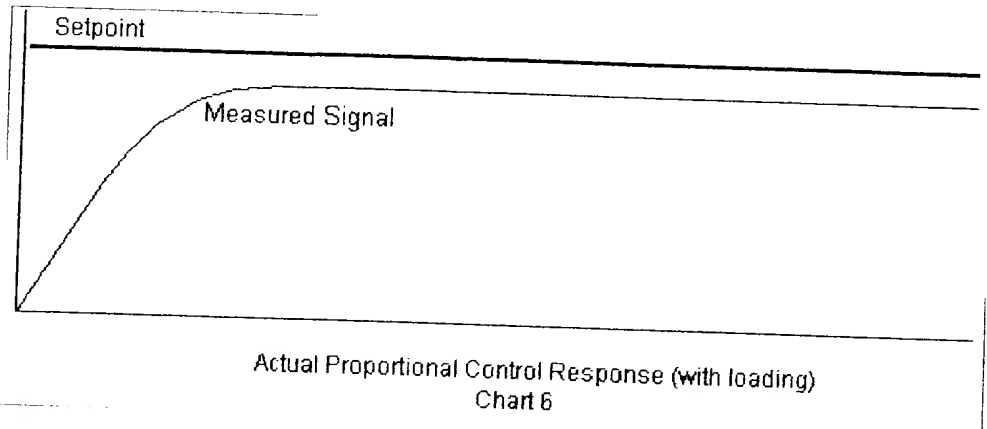


FIG. 7

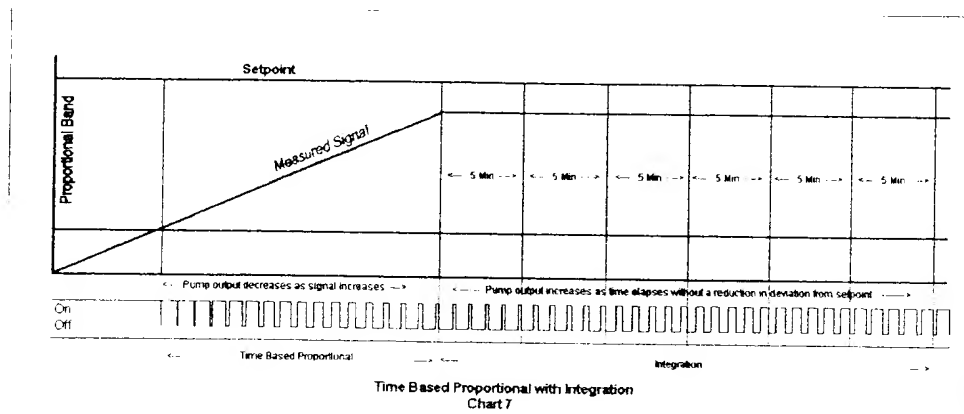
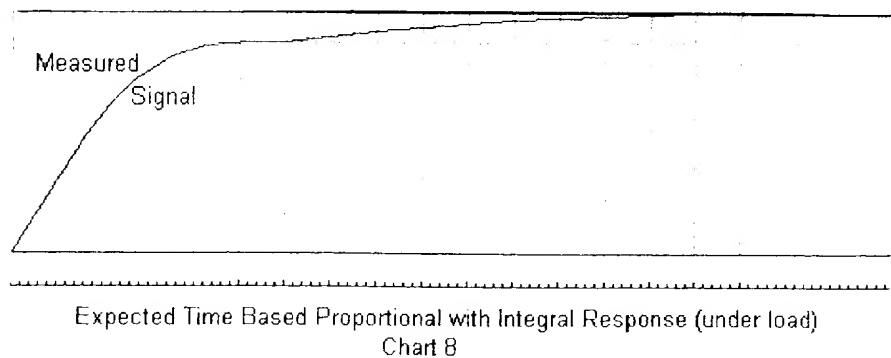


FIG. 8



Time Based Proportional Logic - Feed Up Example

PB= Proportional Bandwidth
 SIG=Signal from Sensor
 SP=Setpoint
 TB= Time Base
 TBP= Time Based Proportional

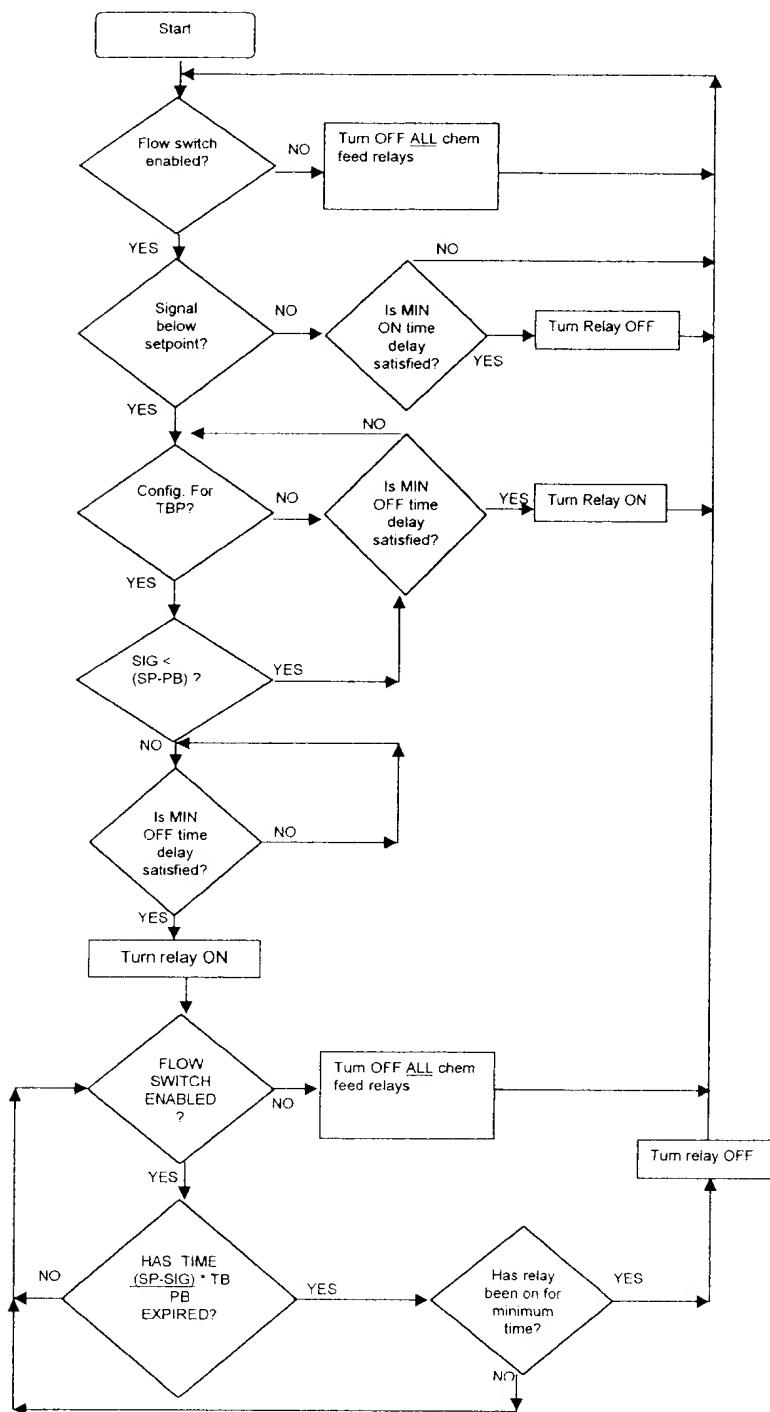


FIGURE 9

Time Based Proportional with Integration Logic - Feed Up Example

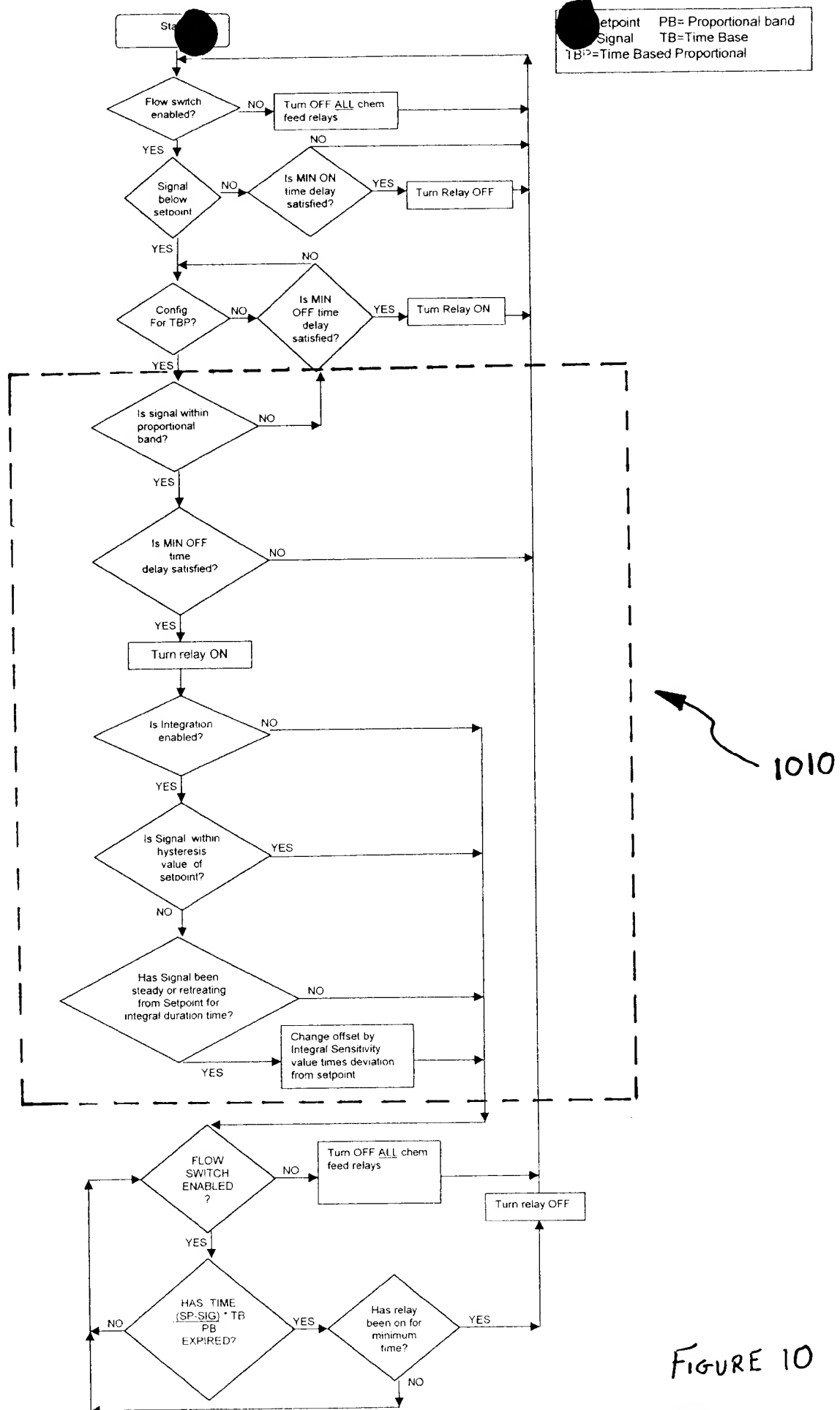


FIGURE 10